

Degree Requirements  
 COLLEGE OF SCIENCES  
 Bachelor of Science in Mathematics

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
<b>English</b>		<b>Humanities</b>	
ENGL 1157	3	Foreign Language Sequence <sup>8</sup>	6
ENGL 1158 or 1159 <sup>1</sup>	3	Literature	3
<b>Mathematics<sup>2</sup></b>		<b>Social Sciences</b>	
Calculus Sequence MATH 2114, 2124 <sup>2,7</sup>	8	Social Sciences elective <sup>3</sup>	6
<b>Science</b>		<b>Arts</b>	
BIOS	3	Arts elective <sup>4</sup>	3
Physics 1061 and 1062	6		
<b>Total</b>			<b>39</b>

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
Computer Science 1205 or (1581 and 1583)	3-4	Science Electives <sup>5</sup>	11-12
Physics 1063, 1065	2	General Electives	25
<b>Total</b>			<b>44<sup>6</sup></b>

Course Requirements for Major			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
Mathematics 2134	4	Mathematics 4511	3
Mathematics 2221 or 2314	3	Mathematics 3000+	6
Mathematics 3511	3	Mathematics 4000+	9
Mathematics 3512	3	Mathematics 3900	0
Mathematics 4101 <sup>9</sup>	3	Mathematics 3721	3
<b>Total</b>			<b>37</b>

<sup>1</sup> “C” or better required

<sup>2</sup> 6 credits of Math satisfy the general education requirements

<sup>3</sup> Check General Education Courses to confirm courses fulfilling this requirement.

<sup>4</sup> FTA (theatre/dance/film related course), FA or MUS

<sup>5</sup> At least 6 of these credits must not be mathematics courses in the College of Sciences. 6 credits can be engineering courses. 1 less credit is required if the student took CSCI 1581 and CSCI 1583 (rather than CSCI 1205.) The College of Sciences maintains a list of approved science electives. Note that many low level classes are not permitted.

<sup>6</sup> Includes 2 credits of Math listed in general education requirements section

<sup>7</sup> Students not adequately prepared to enter a calculus sequence must take appropriate pre-calculus courses without credit toward graduation. The mathematics department determines placement for mathematics classes.

<sup>8</sup> Foreign language must include a six hour sequence in one language. French, German, or Russian is recommended for students planning graduate studies.

<sup>9</sup> Students interested in graduate studies in mathematics are strongly advised to take Math 4102.

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**Total Credit Hours Required**

**120**

**Additional Requirement**

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)